Public Works (1907) Department.

**G.O., No. 272 } 3
273 }**

DATED 8th June 1907.

1. 6. 07

120/4 copies of G.O.
30/2 copies of Estimate with Abstract at the back for Govt of India.
30 copies of Estimate for records.

[Despatch Abstract.]

Mannadiai Kanmoi, Periyar Project

An estimate, amounting to Rs 1636, for improvements to No 87 ——— Sanctioned, and a copy of the Pros: ordered to be forwarded to the G. of I. for information

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Mannadiai Kanmoi, Periyar Project

Forwarding to the G of I a copy of the Pros: Sanctioning an estimate, amounting to Rs 1636 for improvements to No: 87 ———

P. W.-26.
2,000—6-7-06.

Indexed

5/
52 – 907-08
Register

Clerk
8/6

729/8/7

10/6

IRRIGATION.
ACCOUNT.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Recd.	1907.	*Enclosures*
Regd.		*Spare copies*

G.O., Nos. 272, 273 I., 8th June 1907.

Mannadai Kanmoy, Periyar Project

Forwarding to the Government of India a copy of the Proceedings sanctioning an estimate, amounting to Rs. 1,636, for improvements to No. 87 —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

I

Letter—from C. W. Wood, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 9th April 1907.
No.—220 C.E.

I have the honour to forward herewith for your approval and sanction of Government an estimate, amounting to Rs. 1,270, for improvement to No. 87 Mannadai Kanmoy, a Periyár affected tank, situated at the tail end of the 9th Distributary, XII Branch channel and ordered to be maintained in G.O., No. 1250 I., dated 15th December 1905.

2. The tank has at present no proper surplus work, the surplus being discharged through an open cut in the bank; and the irrigation is effected by means of three old pot sluices. The improvements proposed consist of building a weir at the right flank of the tank and three 9-inch cement pipe sluices in lieu of the existing old pot sluices.

3. As the works proposed are necessary for the full development of the project, though not in themselves directly remunerative, the estimate is classed as " unremunerative ". It is hoped that the works will be completed before the end of 31st March 1908, if the estimate is sanctioned soon.

4. The bund is low and weak in places and for restoring this an estimate, amounting to Rs. 25, has been sanctioned by the Executive Engineer.

Enclosure.

Report to accompany the estimate for repairs and improvements to No. 87 Mannadai Kanmoy, Melur taluk.

	RS.
Amount of estimate—	
Repairs	25
Improvements	1,270
Total ...	1,295

Situation and source of supply.—This tank is situated at a distance of about a mile to the north of Melavalasai village. In addition to the drainage from its own free basin, it receives also the surplus of Elaperumal Kanmoy augmented by a supply of Periyár water from the 9th Distributary, XII Branch channel.

Surplus arrangements.—The tank at present surpluses by means of an open cut at its right flank. It is now proposed to construct a weir $52\frac{1}{2}$ feet long at that flank to discharge the maximum flood entering the tank with a head of $1\frac{1}{2}$ feet.

Ayacut.—The tank has an ayacut of 74·61 acres which are at present irrigated by means of three pot sluices. It is now proposed to construct three pipe sluices at the sites.

Bund.—The bund will be raised to 4½ feet above F.T.L. with a top width of 4 feet and side slopes 1½ to 1.

F.T.L.—This has been fixed with reference to the water marks observed and enquiries made from the ryots as to the mamool submergence.

Submergence.—A statement of the mamool submerged lands is sent as an appendix to the estimate.

A vent 2 feet wide and 1½ feet deep will be left in the body wall of the weir in order to safeguard the interests of the lands which are submerged on the foreshore. This vent will be closed on the 15th October.

A. R. deChazal,
Executive Engineer, Madura Division.

II

Note by the Chief Engineer for Irrigation.

The Superintending Engineer, VI Circle, submits an estimate, amounting to Rs. 1,270, for improving No. 87 Mannadai Kanmoy at the tail end of the 9th Distributary taking off from the XII Branch channel, Periyár project. It is stated that this tank, which has an ayacut of 74·61 acres, has no proper surplus escape and that irrigation is carried on by means of three old pot sluices. It is, therefore, proposed to construct (1) a weir 52½ feet long to discharge the maximum flood entering the tank, with a head of 1½ feet and (2) three pipe sluices with masonry heads regulated by ordinary shutters, in place of the old pot sluices. The amount of the estimate has been increased in this office to Rs. 1,330 owing to the substitution of a concrete apron for roughstone packing in rear of the weir, and sloping wings instead of returns in rear of the pipe sluice at 890 feet from the left flank, provided by the Superintending Engineer.

It is recommended that the estimate, as altered, be sanctioned.

2. The work is classed as "unremunerative" and will probably be completed by 31st March 1908.

H. E. Clerk,
5th June 1907. *Ag. Chief Engineer for Irrigation.*

Order—No. 272 I., dated 8th June 1907.

The following estimate is sanctioned:—

Imperial.
Capital expenditure not charged to Revenue.
49. Irrigation.
Periyár Project.
Open Capital Account.
I. Works.
3. Distributaries.
C. Works.
Unremunerative Work.
Improvements to No. 87, Mannadai Kanmoy

	RS.
Estimate—	
I. Works	1,330
II. Establishment	306
Total ...	1,636

2. This sanction is registered as No. 52 I. of 1907–1908 and will expire on 31st March 1908.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 273 I., dated 8th June 1907.]

(True Extract.)

H. E. Clerk,
Ag. Joint Secretary to Government, P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with plans and estimate.
" Examiner, Public Works Accounts.

Endorsement—No. 273 I., dated 8th June 1907.

Forwarded.

(By order.)

H. E. Clerk,
Ag. Joint Secretary to Government, P.W.D.,
Irrigation Branch.

1,000—29-9-06.

NOTES.

Cno
27/4/07

11

P.W.D., Irrigation Branch

Estimate amounting to Rs 1,270 for improvements to No.87 Mannadai Kanmoy, Periyar affected tank, Melur Taluk, Madura District.

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pp1-7 c.f. (C.No.2360) from the Supg.Engineer, VI Circle, No.220 C.E., dated 9-4-07.

D.I.

Orders are requested whether the estimate may be checked for sanction. The necessity for the proposed improvements is explained in the report. It is stated that an estimate amounting to Rs 25 for repairing the bund has been sanctioned by the -- Executive Engineer.

p 3 c.f.

" 2 "

I

Concrete apron may be substituted for rough stone in the weir

15.4.07

15.4/07

19/4/07

20/4/07

T.

27/4

C.E.I

SPD
22.4.07.

The Estimate has been checked and the amount increased from Rs 1270 to Rs 1330 owing to the substitution of Concrete apron for rough stone packing in rear of the weir and sloping wings instead of returns in rear of the pipe sluice at 890 ft.

T.

Sloping wings seem better than the returns allowed. Extra cost is only Rs 60.

28 ?

25/5/07

SPD
28.27.5.07.

V 2

Improving Mannadai Kanmoy, Periyar Project.

PUBLIC WORKS DEPARTMENT

(Irrigation Branch).

DI

A draft order sanctioning the estimate for the above work is submitted for approval.

[initials] 3.6.07

[signature] 5/6/07

[initials] 5/6/07

[Issued as G.O. No. 272-3 I dt 8.6.07]

R No. 2360. ¾ Improving No. 87 Mannadai Kanmoy, Periyar Project

PUBLIC WORKS DEPARTMENT
IRRIGATION BRANCH.

No. 5314
78 69

PROCEEDINGS OF THE MADRAS GOVERNMENT.

R. K.
D. O.

READ the following

Print
Print Report

From the Supg. Engr., VI circle, dt 9.4.07, No. 220 C.E.

3.8

Note by the Chief Engr. for Irrigation.

The Supg. Engr., VI circle, submits an estimate amounting to Rs 1,270 for improving No. 87 Mannadai Kanmoy at the tail end of the 9th distributary taking off from the XII Branch channel, Periyar Project. It is stated that this tank, which has an ayacut of 74.61 acres, has no proper ~~means of discharging its~~ surplus escape and that irrigation is carried on by means of 3 old pot sluices. It is, therefore, proposed to

p 1 of C.f.

Report - p 3 of C.f.

C1

— do —

9/6

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Construct (1) a weir $52\frac{1}{2}$ feet long to discharge the maximum flood entering the tank, with a head of $1\frac{1}{2}$ feet and (2) 3 pipe sluices with masonry heads ~ regulated by ordinary shutters, in place of the old pot sluices. The amount of the estimate has been increased[x] in this Office to Rs 1,330 owing to the substitution of a concrete apron for roughstone packing in rear of the weir, and sloping wings instead of ~~for~~ returns in rear of the pipe sluice at 890 feet from the left flank, provided by the Supg: Engr:

It is recommended that the estimate, as altered, be sanctioned.

M. G. N. J.

40

2. The work is classed as "Unremunerative" and will probably be completed by 31. 3. 1908.

Order. No 272 I of 8-6-07

The following estimate is sanctioned:—

Imperial.

Capital expenditure not charged to revenue.

49- Irrigation.

Periyar Project.

Open Capital Account.

I Works.

3. Distributaries.

C. works.

Unremunerative Work.

Improvements to No. 87 ~ Mannadai Kanmoy.

Estimate	I Works	1,330
	II Estabt.	306
		1,636

2. This sanction is registered as

as No 52-I of 1907-08 and will expire on 31.3.08.

3. Ordered that a copy of these Proceedings be forwarded to the Govt. of India for information.

Endorsement No 2739 of 8-6-07

Forwarded.

DESPATCHED
8 JUL 1907 with 8/-

Issue

MWH HH
5/6/07

Dd.
5/6/07

To the Chief Engr. for Infn.
" Supdg Engr., VI Circle, with plans and estimate
Examiner, P.W. Acct.

DESPATCHED
1 JUL 1907

Ordinary Press
5.6.07

580

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